

BACHELOR OF SCIENCE – BIOLOGY BOTANY OPTION

A Bachelor of Science degree from Washington State University requires a minimum of 120 total semester hours. At least 40 semester hours must be upper division coursework. A B.S. in Biology requires a minimum of 19 semester hours of core BIOLOGY courses (BIOLOGY 106, 107, 301, 372 and 405 or 403). An additional 21 semester hours of biological sciences coursework selected in consultation with your biology advisor is required. The 21 semester hours must include 15 upper division credits, six of which must be BIOLOGY taken in residence at WSU. An overall GPA of at least 2.0 must be maintained in all college and departmental requirements. Two courses must satisfy the "Writing in the Major" [M] requirement. **

Core Requirements:

Grade

Biological Science Core Requirements:

BIOLOGY 106	General Biology	4 hrs.	_____
BIOLOGY 107	General Biology	4 hrs.	_____
BIOLOGY 301	General Genetics	4 hrs.	_____
BIOLOGY 372 [M]	General Ecology	4 hrs.	_____
BIOLOGY 405	Prin. Org. Evolution	3 hrs.	_____

Calculus Requirement:

MATH 140	Math Life Science OR		
MATH 171	Calculus	4 hrs.	_____

Statistics Requirement:

STAT 212	Intro Stats OR		
STAT 412	Int Stat Meth Res I OR		
PSYCH 311	Elem Stat	3-4 hrs.	_____

Chemistry Requirements:

CHEM 105*	Chemistry I	4 hrs.	_____
CHEM 106*	Chemistry II	4 hrs.	_____
CHEM 345	Organic I	4 hrs.	_____

Physics Requirements:

PHYS 101* OR 201*	Physics	4 hrs.	_____
PHYS 102 OR 202	Physics	4 hrs.	_____

Botany Option Requirements:

BIOLOGY 420	Plant Physiology	3 hrs.	_____
BIOLOGY 332 [M]	Systematic Botany	4 hrs.	_____
BIOLOGY 409	Plant Anatomy	4 hrs.	_____
BIOLOGY 462	Comm. Ecology	3 hrs.	_____

*Chemistry and Physics require a grade of C or better to progress to the next level course.

****All official requirements for each student's specific degree are listed in the zsis advisement report. This sheet is meant to serve as a guide.**

Botany Option Electives:

A minimum of 7 credits of Biological Science chosen in consultation with an advisor. *Courses in the School of Biological Sciences that are suitable for this option can be found:*
http://sbs.wsu.edu/undergrad/Electives_September_2014.pdf
Courses in other departments at WSU may also be suitable as electives and should be chosen in consultation with your advisor.

UCORE REQUIREMENTS (Including CAS additional req.):

[ROOT]	_____ Roots of Contemporary Issues	(3)
[COMM]	_____ Communication OR	
[WRTG]	_____ Written Communication	(3)
[WRTG]	_____ Written Communication	(3)
[QUAN]	_____ Quantitative Reasoning	(3)
[SSCI]	_____ Inquiry in the Social Sciences	(3)
[HUM]	_____ Inquiry in the Humanities	(3)
[ARTS]	_____ Inquiry in the Creative & Professional Arts	(3)
[BSCI][PSCI][SCI]		
	_____ Inquiry in the Inquiry in the Nat. Sciences	(7)
[]	_____ Inquiry in SS, Hum or Arts (CAS)	(3)
[DIVR]	_____ Diversity	(3)
[CAPS]	_____ Integrative Capstone	(3)
[M]	_____ Writing in the major (2 courses)	

Note: three, 3 credit (9 total credits) UCORE courses may fulfill major requirements.

_____	Foreign Language - 1 yr. OR 2 yrs. H.S.
_____	Upper division (Minimum 40 credits)
_____	Minimum Total Credits (120)
_____	Junior Writing Portfolio

<http://universitycollege.wsu.edu/units/writingprogram/units/writingassessment/juniorwritingportfolio/guidelines/index.html>